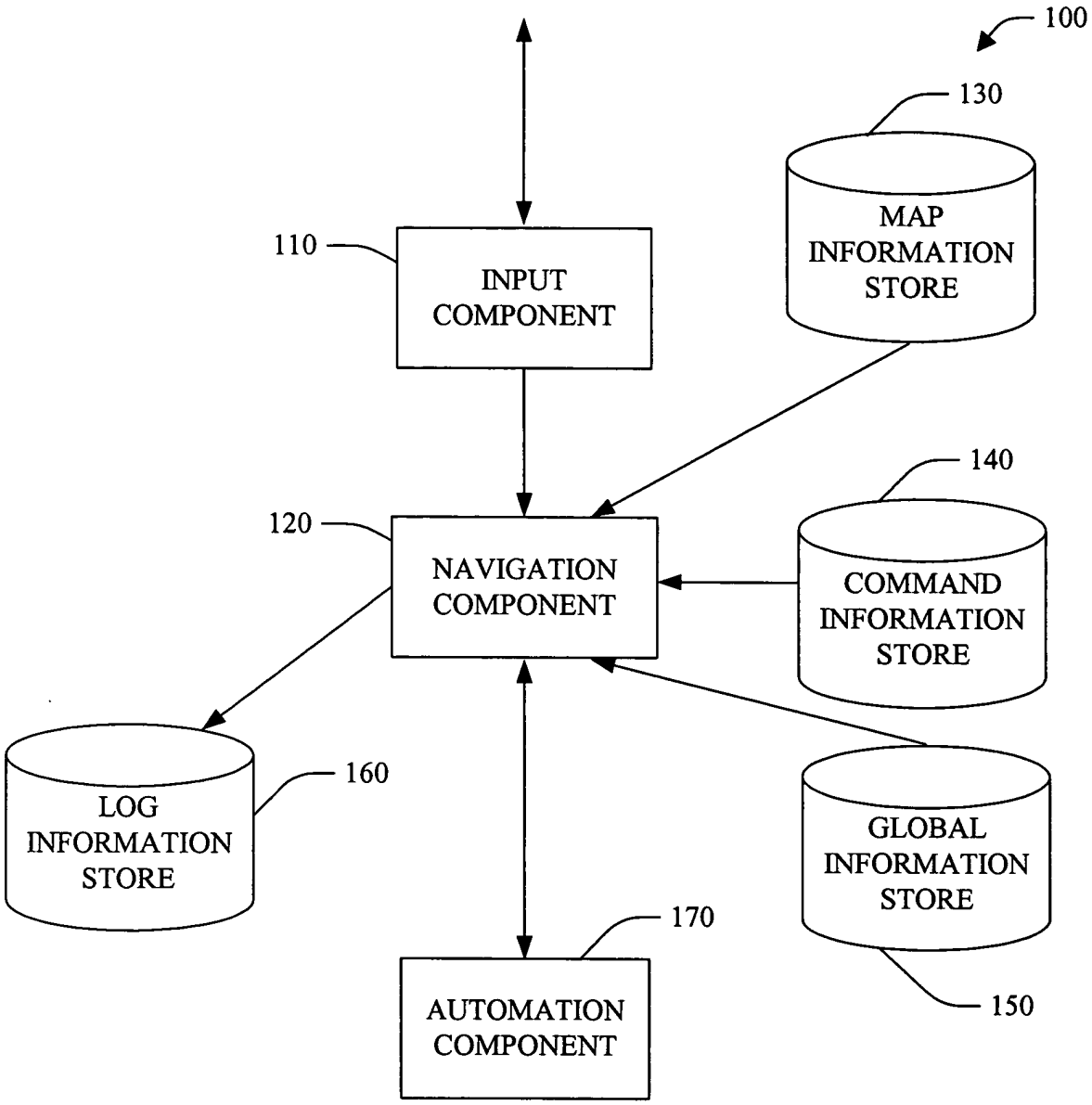
100
130
MAP
INFORMATION
STORE
110
INPUT
COMPONENT
140
120
NAVIGATION
COMPONENT
COMMAND
INFORMATION
STORE
LOG
INFORMATION
STORE
160
GLOBAL
INFORMATION
STORE
170
AUTOMATION
COMPONENT
150

FIG. 1

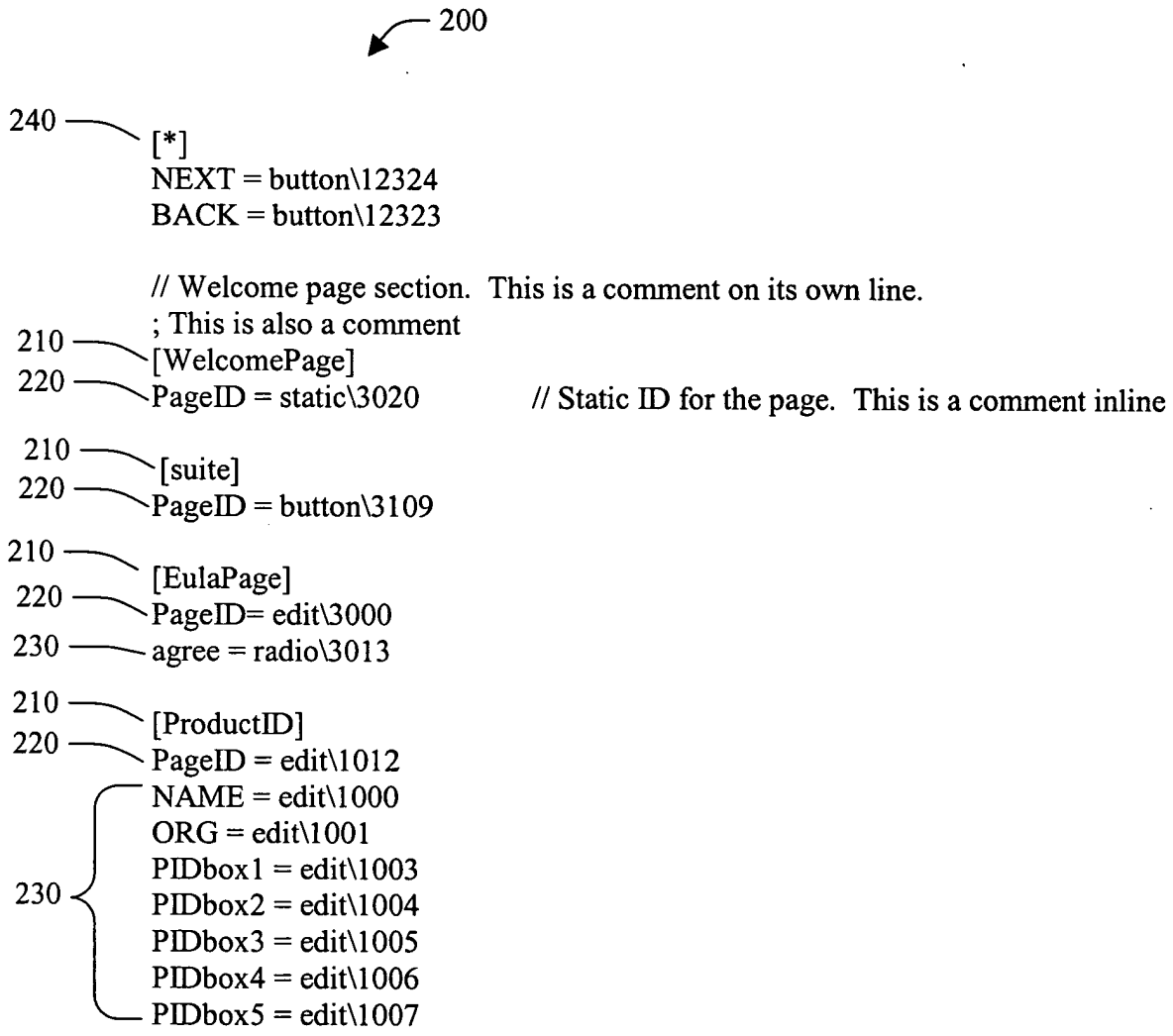
200
240
[*]
NEXT = button\12324
BACK = button\12323
// Welcome page section. This is a comment on its own line.
; This is also a comment
210
[WelcomePage]
220
PageID = static\3020 // Static ID for the page. This is a comment inline
210
[suite]
220
PageID = button\3109
210
[EulaPage]
220
PageID= edit\3000
230
agree = radio\3013
210
[ProductID]
220
PageID = edit\1012
230
NAME = edit\1000
ORG = edit\1001
PIDbox1 = edit\1003
PIDbox2 = edit\1004
PIDbox3 = edit\1005
PIDbox4 = edit\1006
PIDbox5 = edit\1007

FIG. 2

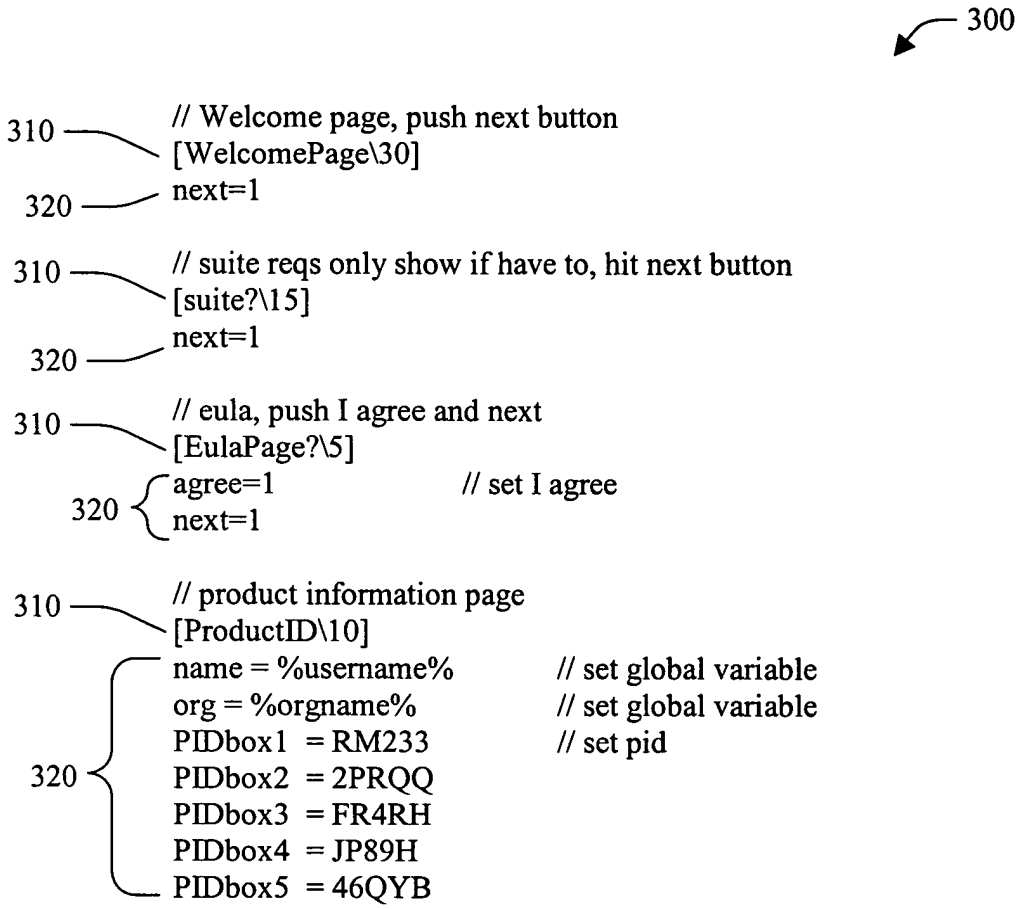
300
310
// Welcome page, push next button
[WelcomePage\30]
320
next=1
310
// suite reqs only show if have to, hit next button
[suite?\15]
320
next=1
310
// eula, push I agree and next
[EulaPage?\5]
320
agree=1 // set I agree
next=1
310
// product information page
[ProductID\10]
320
name = %username% // set global variable
org = %orgname% // set global variable
PIDbox1 = RM233 // set pid
PIDbox2 = 2PRQQ
PIDbox3 = FR4RH
PIDbox4 = JP89H
PIDbox5 = 46QYB

FIG. 3

400

Command 410	Data 420	Performs 430
Sleep	Number	Wait for specified time
Keyboard	Keyboard data below	Simulate the specified keyboard input
Focus	Friendlyname	Put focus on the control referenced by the friendly name
Friendlyname(button)	N/A	Push the button
Friendlyname(checkbox or radio button)	0	Uncheck the control referenced by the friendly name
Friendlyname(checkbox or radio button)	1	Check the control referenced by the friendly name
Friendlyname(listbox)	Item to select in box	Selects the item in the list box that corresponds to the data
Friendlyname(combobox)	Item to select in box	Selects the item in the list box that corresponds to the data
Friendlyname(static)	N/A	Put focus on the item corresponding to the friendly name
Friendlyname(scrollbox)	0	Scroll vertically to the top of the scroll box
Friendlyname(scrollbox)	1	Scroll vertically to the bottom of the scroll box
Friendlyname(scrollbox)	2	Scroll horizontally to the left of the scroll box
Friendlyname(scrollbox)	3	Scroll horizontally to the right of the scroll box
Friendlyname(editbox)	Text to enter	Populate the control with text

FIG. 4

510 520 500

Key	Key Action Code
BACKSPACE	{BACKSPACE} or {BS} or {BKSP}
BREAK	{BREAK}
CAPS LOCK	{CAPSLOCK}
CLEAR	{CLEAR}
DEL	{DELETE} or {DEL}
DOWN ARROW	{DOWN}
END	{END}
ENTER	{ENTER} or ~
ESC	{ESCAPE} or {ESC}
HOME	{HOME}
HELP	{HELP}
INS	{INSERT}
LEFT ARROW	{LEFT}
NUM LOCK	{NUMLOCK}
PAGE DOWN	{PGDN}
PAGE UP	{PGUP}
PRINT SCREEN	{PRTSC}
RIGHT ARROW	{RIGHT}
SHIFT	{SHIFT}
SPACE BAR	{SPACE}
TAB	{TAB}
UP ARROW	{UP}
F1	{F1}
F2	{F2}
F3	{F3}
F4	{F4}
F5	{F5}
F6	{F6}
F7	{F7}
F8	{F8}
F9	{F9}
F10	{F10}
F11	{F11}
F12	{F12}
F13	{F13}
F14	{F14}
F15	{F15}
F16	{F16}

FIG. 5

600

```
04/13/2001 12:31:21  Program start called with command line
"d:\autobo\2016\wwSBS\navigation.exe" /f
d:\autobo\2016\wwSBS\sbsautorun.txt /m
d:\autobo\2016\wwSBS\sbs5pagelist.txt /l d:\nav.log /v
04/13/2001 12:31:21  Successfully read command line
04/13/2001 12:31:21  AutorunScreen\15 section execution
04/13/2001 12:31:21  Number value 15 found in AutorunScreen\15
04/13/2001 12:31:21  Getting pageID
04/13/2001 12:31:21  Number value 4 found in button\4
04/13/2001 12:31:30  Control with ID 4 found
04/13/2001 12:31:30  AutorunScreen\15 page found
04/13/2001 12:31:30  keyboard="%{F4}" section data execution
04/13/2001 12:31:30  Determining command information (i.e. control type,
handles, data)
04/13/2001 12:31:30  Keyboard input for keyboard="%{F4}" in section
AutorunScreen
04/13/2001 12:31:30  keyboard action peformed successfully
04/13/2001 12:31:30  Action completed for keyboard="%{F4}" in section
AutorunScreen
04/13/2001 12:31:30  keyboard="%{F4}" action in AutorunScreen completed
successfully
04/13/2001 12:31:32  Successfully completed INI file
04/13/2001 12:31:32  Program ended with return code 0

04/13/2001 12:31:40  Program start called with command line
"d:\autobo\2016\wwSBS\navigation.exe" /f
d:\autobo\2016\wwSBS\sbs5acommand.txt /m
d:\autobo\2016\wwSBS\sbs5pagelist.txt /l d:\nav.log /v
04/13/2001 12:31:40  Successfully read command line
04/13/2001 12:31:40  DebugPrompt?\15 section execution
04/13/2001 12:31:40  Number value 15 found in DebugPrompt?\15
04/13/2001 12:31:40  Getting pageID
04/13/2001 12:31:40  Number value 6 found in button\6
04/13/2001 12:31:40  Control with ID 6 found
04/13/2001 12:31:40  DebugPrompt?\15 page found
04/13/2001 12:31:40  No=1 section data execution
04/13/2001 12:31:40  Determining command information (i.e. control type,
handles, data)
04/13/2001 12:31:40  Number value 7 found in button\7
04/13/2001 12:31:40  Control type determined for No in section DebugPrompt as
0
04/13/2001 12:31:40  Control with ID 7 found
04/13/2001 12:31:40  Focus set on control handle for No in section DebugPrompt
04/13/2001 12:31:40  Control handle found for No=1 in section DebugPrompt
04/13/2001 12:31:40  button action peformed successfully
04/13/2001 12:31:40  Action completed for No=1 in section DebugPrompt
```

FIG. 6

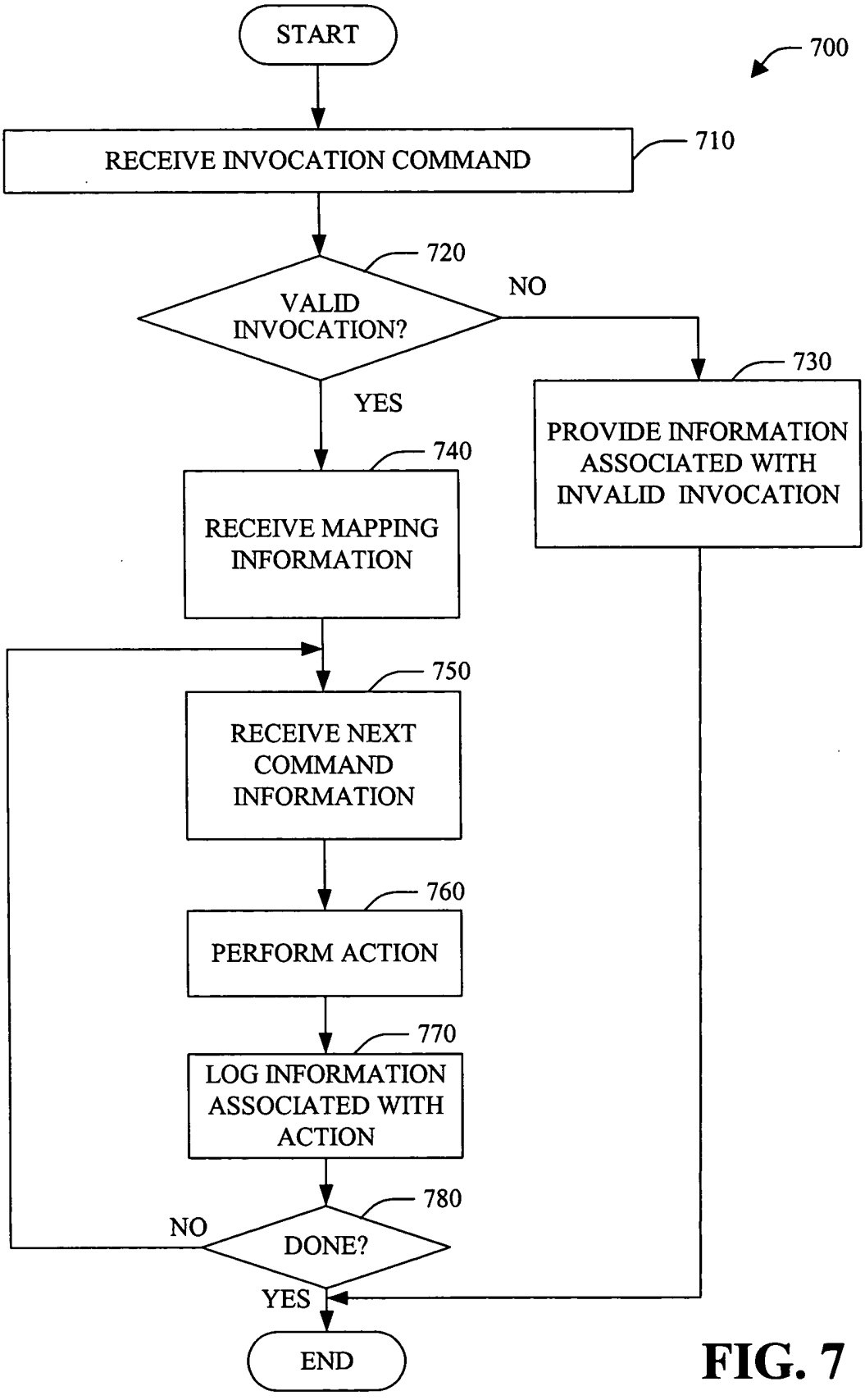
START
700
RECEIVE INVOCATION COMMAND
710
720
VALID INVOCATION?
NO
730
PROVIDE INFORMATION ASSOCIATED WITH INVALID INVOCATION
YES
740
RECEIVE MAPPING INFORMATION
750
RECEIVE NEXT COMMAND INFORMATION
760
PERFORM ACTION
770
LOG INFORMATION ASSOCIATED WITH ACTION
780
NO
DONE?
YES
END

FIG. 7

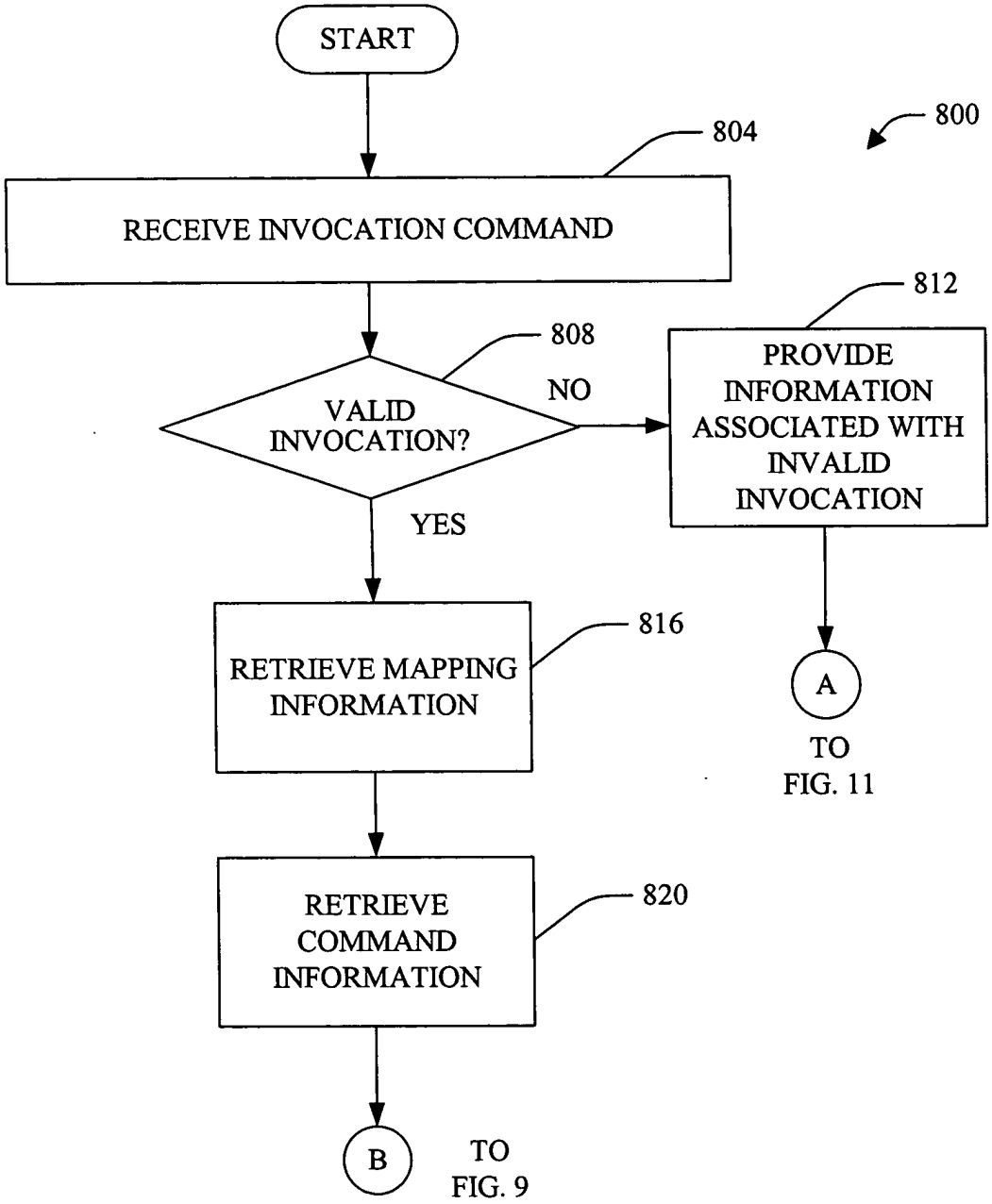
START
800
804
RECEIVE INVOCATION COMMAND
812
808
NO
VALID INVOCATION?
PROVIDE INFORMATION ASSOCIATED WITH INVALID INVOCATION
YES
816
RETRIEVE MAPPING INFORMATION
A
TO FIG. 11
820
RETRIEVE COMMAND INFORMATION
B
TO FIG. 9

FIG. 8

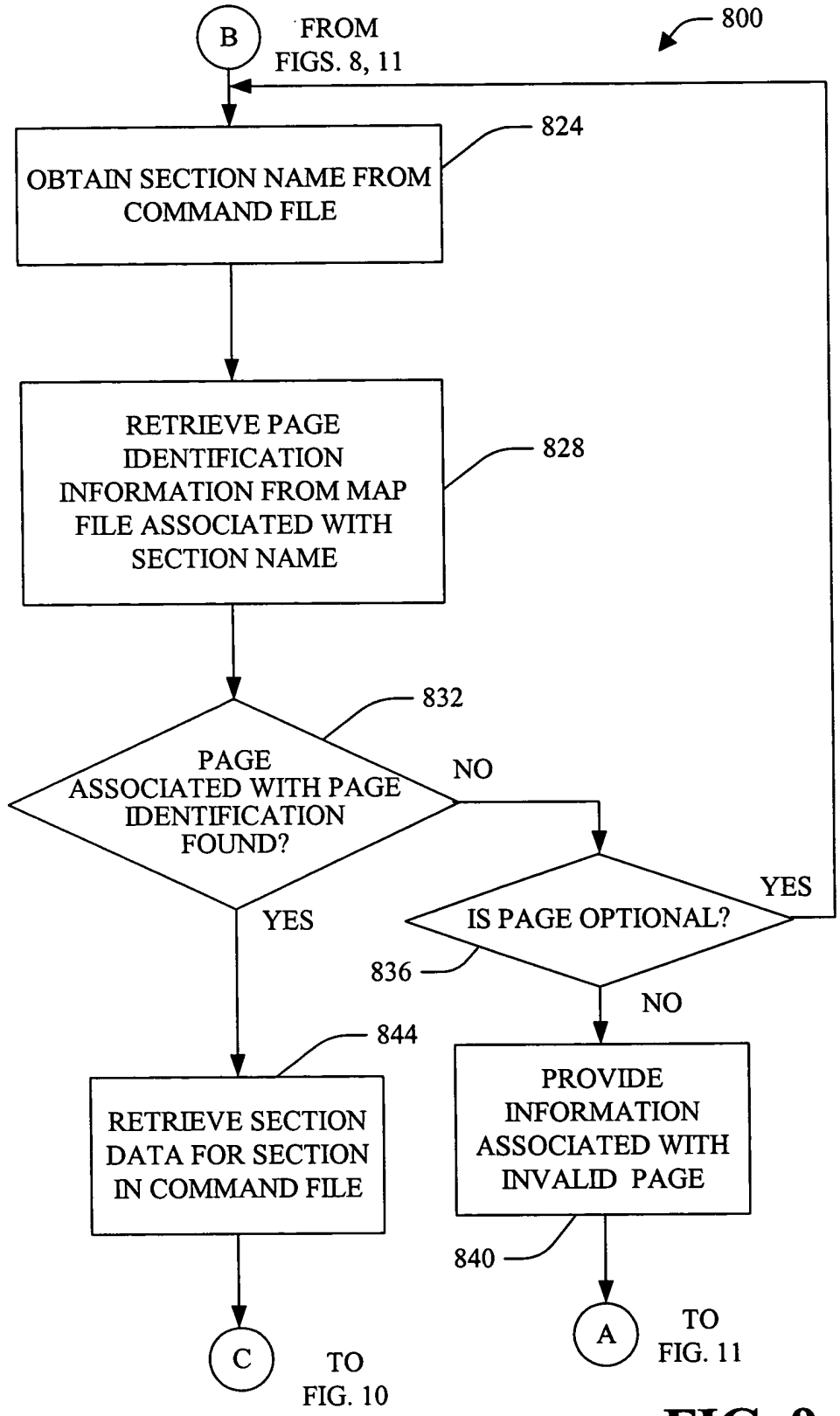
B
FROM FIGS. 8, 11
800
OBTAIN SECTION NAME FROM COMMAND FILE
824
RETRIEVE PAGE IDENTIFICATION INFORMATION FROM MAP FILE ASSOCIATED WITH SECTION NAME
828
PAGE ASSOCIATED WITH PAGE IDENTIFICATION FOUND?
832
NO
YES
IS PAGE OPTIONAL?
YES
836
NO
RETRIEVE SECTION DATA FOR SECTION IN COMMAND FILE
844
PROVIDE INFORMATION ASSOCIATED WITH INVALID PAGE
840
C
TO FIG. 10
A
TO FIG. 11

FIG. 9

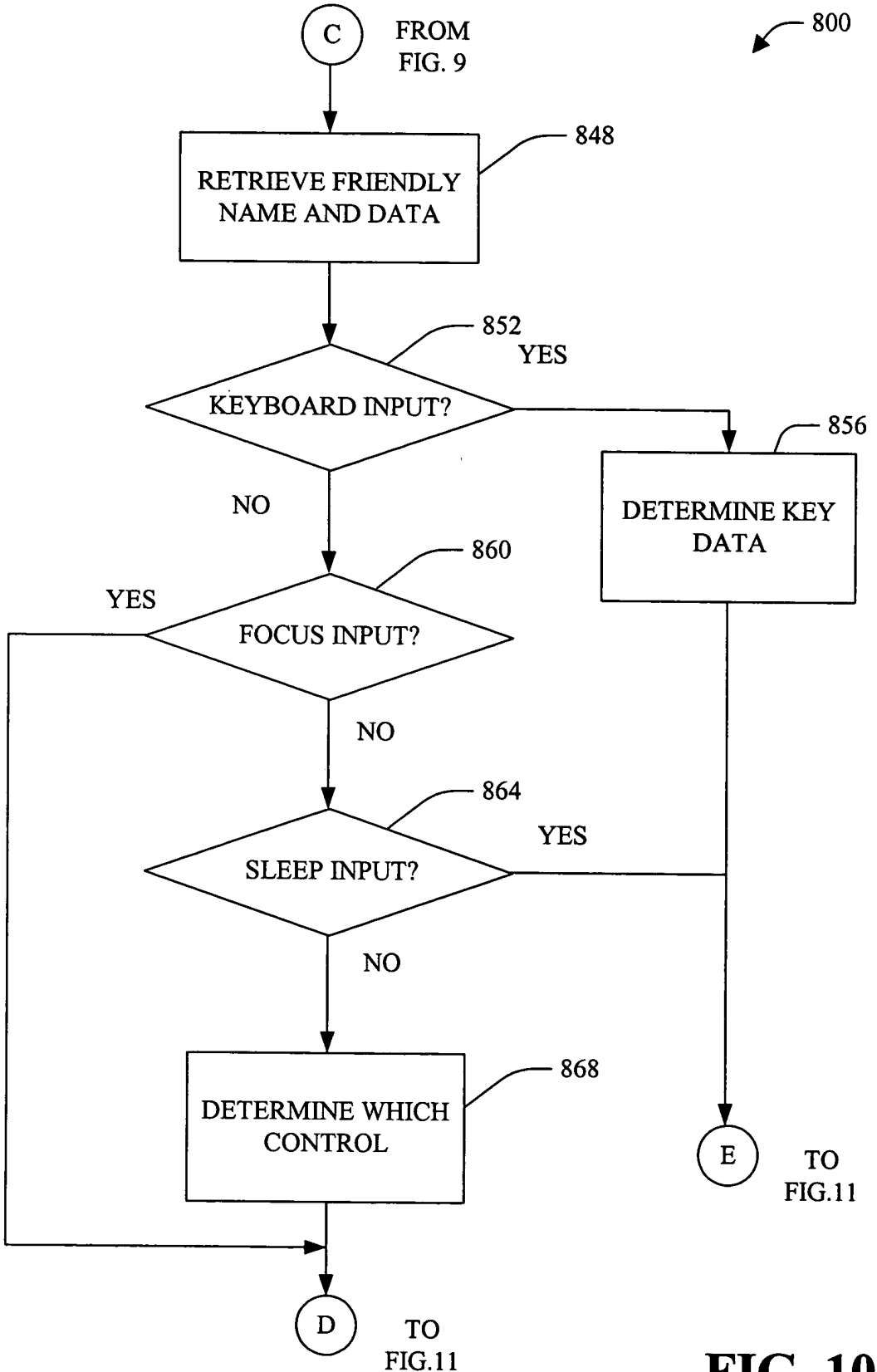
800
C
FROM FIG. 9
848
RETRIEVE FRIENDLY NAME AND DATA
852
YES
KEYBOARD INPUT?
856
DETERMINE KEY DATA
NO
860
YES
FOCUS INPUT?
NO
864
YES
SLEEP INPUT?
NO
868
DETERMINE WHICH CONTROL
E
TO FIG.11
D
TO FIG.11

FIG. 10

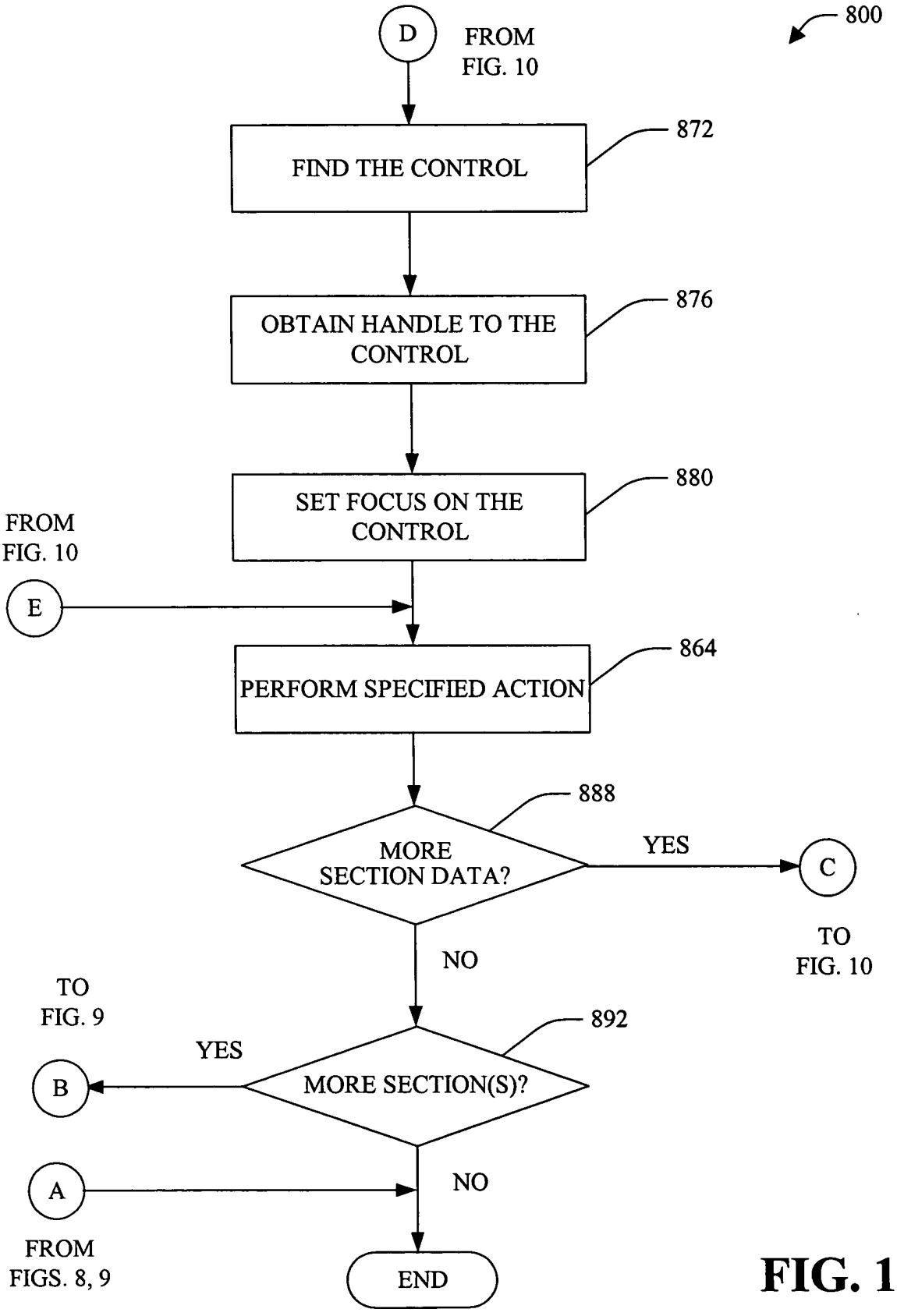
800
D
FROM FIG. 10
FIND THE CONTROL
872
OBTAIN HANDLE TO THE CONTROL
876
SET FOCUS ON THE CONTROL
880
FROM FIG. 10
E
PERFORM SPECIFIED ACTION
864
888
MORE SECTION DATA?
YES
C
TO FIG. 10
NO
TO FIG. 9
892
YES
B
MORE SECTION(S)?
A
NO
FROM FIGS. 8, 9
END

FIG. 11

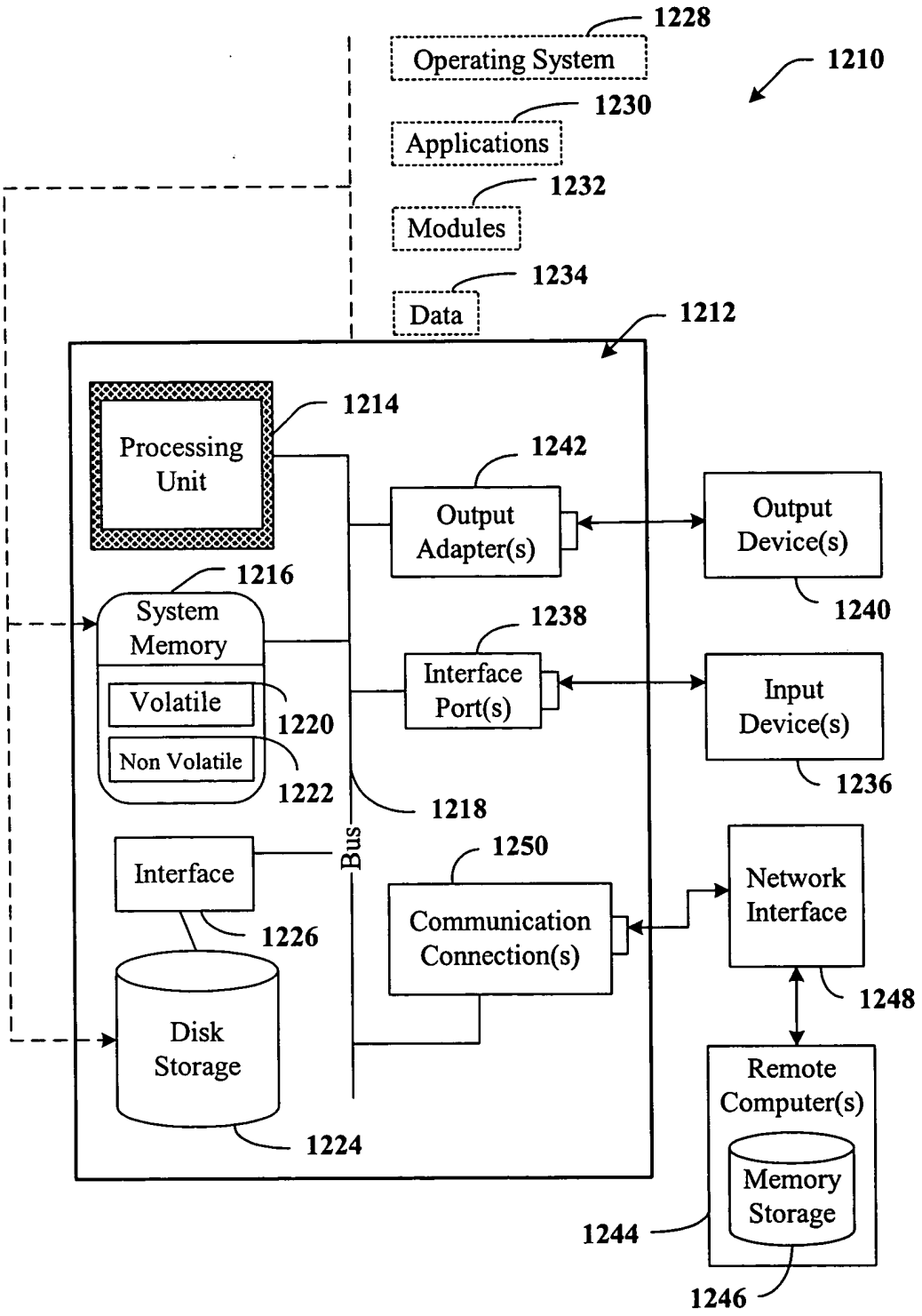
1228
Operating System
1210
1230
Applications
1232
Modules
1234
Data
1212
1214
Processing Unit
1242
Output Adapter(s)
Output Device(s)
1240
1216
System Memory
Volatile
1220
Non Volatile
1222
1238
Interface Port(s)
Input Device(s)
1236
1218
Bus
Interface
1226
1250
Communication Connection(s)
Network Interface
1248
Disk Storage
1224
Remote Computer(s)
Memory Storage
1244
1246

FIG. 12